



National Aeronautics and Space Administration  
Goddard Space Flight Center

Wallops Flight Facility, Wallops Island, Virginia

# Inside Wallops

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## ***“CLAMS” Mission Studies East Coast Ocean and Atmosphere***

NASA scientists are using a Virginia lighthouse, research aircraft and a satellite for a unique field study this summer. On the sea, in the sky and from space they are hoping for a better understanding of global climate change.

For the Chesapeake Lighthouse and Aircraft Measurements for Satellites



*The Proteus aircraft departs Wallops.*

PAO Digital Photo

(CLAMS) campaign, scientists are using equipment mounted on the U.S. Coast Guard's Chesapeake lighthouse that is located about 15 miles off the coast of Virginia Beach, Va. They also have instruments mounted on six research airplanes and are using the orbiting Terra research satellite to enhance their knowledge of how the ocean affects the atmosphere.

"Ultimately, we are trying to improve our understanding of the Earth's climate," said Bill Smith, Jr., NASA Langley Research Center's lead mission scientist for CLAMS.

Aircraft being used for CLAMS are NASA's OV-10 from Langley and high altitude ER-2 from Dryden Flight Research Center, a Convair 580 from the University of Washington, a Proteus from Scaled Composites, a Flight International Learjet, and a Cessna 210 from Flight International.

Mission operations are being conducted from NASA Wallops Flight Facility through August 3. The ER-2, CV-580, Proteus and Cessna 210 are operating from Wallops. The OV-10 is operating from Langley and the Lear Jet from Williamsburg International Airport.

The aircraft are flown one above another at differing altitudes to scan the ocean and sample air high into the atmosphere. Scientists will combine measurements from aircraft instruments and from the long-term CERES

Ocean Validation Experiment (COVE) at the lighthouse to improve information from CERES (Clouds and the Earth's Radiant Energy System) and other instruments on NASA's Terra satellite.

The major goals of CLAMS are to improve satellite-based estimates of aerosol measurements and to make measurements of ocean characteristics. This will create a better understanding of how Earth maintains its overall temperature or its energy budget.

Under the direction of NASA Langley, scientists from NASA and several universities are participating in CLAMS. The Terra spacecraft is an Earth

Observing System mission in NASA's Earth Science Enterprise.

Additional information is available on the Internet at: <http://snowdog.larc.nasa.gov/clams/>

## ***NASA AWARDS INSTITUTIONAL CONTRACT***

Cube Corp., Sterling, VA, has been awarded a contract to provide institutional services at the NASA Goddard Space Flight Center's Wallops Flight Facility.

The pact is a performance-based, cost-plus-incentive-fee, award-term contract. The total contract value is \$156.6 million over a possible 10-year period. An additional sum up to \$60 million in task orders may be awarded during the life of the contract.

The work is to be performed at the Wallops Flight Facility and various off-site worldwide locations in support of Wallops projects. The contractor will provide the Wallops Flight Facility with all institutional services that support NASA, the Navy and other Wallops tenants and partners.

Institutional services include, but are not limited to, janitorial, security, facility maintenance, fire protection and grounds maintenance.

## ***NASA Selects CSC for Professional Engineering Services***

NASA Wallops Flight Facility has selected Computer Sciences Corporation's (CSC) Federal Sector - Civil Group, Fairfax, VA., for award of an indefinite-quantity basic task order contract for professional engineering services at Wallops.

The basic contract, expected to be effective Aug. 19, 2001, will consist of a two-year basic period and one 1-year option period for a total maximum value of \$15 million.

The contract shall provide a wide range of engineering and technical support services for the NASA Wallops Flight Facility, including but not limited to support in the following areas: mechanical engineering, electrical engineering, guidance/navigation and control systems, software engineering, safety, metrology, and project and range management.

## ***Students Spend Summer Vacation Working At Wallops***

This summer, nine local students decided to extend their "school year" at the NASA Wallops Flight Facility. Students in the 2001 National Space Club Scholars Program are spending six weeks of their summer vacations working in various locations at Wallops.

NASA Wallops distributes applications to area high school guidance counselors in January of each year. Interested students then submit applications to NASA and the National Space Club and are selected for placement on a competitive basis. Once the students have been selected, they are assigned to work with a mentor in a specific area of science or technology.

This year's Space Club Scholars and their mentors are:

\*Joseph Boggs, Nandua High School — John Gerlach, Observational Science Branch

\*Tim Fleury, Georgetown Preparatory School — Jay Pittman, Real-Time Software Engineering Branch

\*Christopher Shipper, James M. Bennett High School — Joel Simpson, GN&C Systems Engineering Branch

\*Matthew Jackson, Holly Grove Christian School — Debbie Watson, ACS Government Solutions

\*Kurt Yungel, Parkside High School — John Moisan, Observational Science Branch

**Lodging Program for  
Travelers to NASA  
Headquarters**

**Who may participate?**

Anyone traveling to the Washington, D.C. metropolitan area on NASA travel orders.

**Do travelers have to use the contract hotels?**

No, if the traveler chooses not to use one of the three hotels, or if rooms are not available, the Centers will be responsible for paying the lodging expenses. When the contract hotels are used, costs are charged against Agency funds allocated to the contract.

**Procedures**

1. The traveler or designated representative must make a reservation directly with one of the contract hotels and receive a confirmation number. The hotel will ask for a credit card to hold the reservation, charge incidentals, guarantee later than 6 p.m. check-in, and guard against no shows. Room reservations will be guaranteed until 6 p.m. Remember to cancel reservations by 6 p.m. of the check-in date, and ask for a cancellation number. Reservations should be made directly to the hotel – not through a reservation agency or third party.

2. In the remarks section of the Travel Orders, type the: hotel name, confirmation number, contract number [NASWxxxx], and a statement referencing that the traveler is not to be reimbursed for lodging expenses while at Headquarters. Make sure that there is an authorization/approval number on the orders and a handwritten signature or electronic signature that can be verified.

3. The traveler must give a copy of the Travel Orders to the hotel clerk at the time of check-in. Otherwise, the hotel will not be able to direct bill NASA. Instead, the charge will be placed on the traveler's credit card that was used to hold the reservation and becomes the responsibility of the Center/traveler. The hotel will not accept any individual under the terms of this contract who is not on NASA travel with the proper documentation.

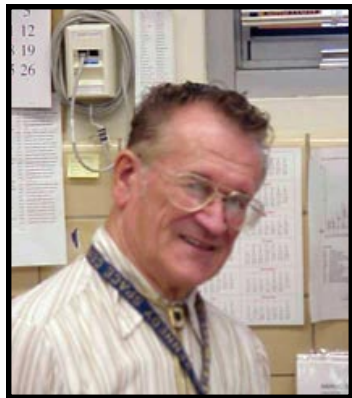
**Contract Hotels**

Sheraton-Four Points  
NASW-01013                      Rate - \$118.  
1201 K Street NW, Washington, DC  
(202) 289-7600 or 1-888-481-7191

Sheraton Suites - Alexandria  
NASW-01012                      Rate - \$119.  
St. Asaph Street, Alexandria, VA  
(703) 836-4700 or 1-800-325-3535

Savoy Suites  
NASW-01014                      Rate - \$102.  
2505 Wisconsin Ave., N.W.  
Washington, DC  
(202) 337-9700

**Don Grant  
CSC Employee of the Quarter**



CSC Photo

Don Grant, above, has been named Computer Sciences Corporation Employee of the Quarter for April-June 2001

Grant provides Range Safety and Analysis Support for Task 6.

**Chuck Grant  
CSC Employee of the Year**



CSC Photo

Computer Sciences Corporation has named Chuck Grant, above, Employee of the Year for contract year 2001. He also was named Employee of the Quarter for October - December 2000. Grant provides Instrumentation Engineering Support for Task 2.

**Hurricane  
Emergency Supply Kit**

**Pack in sealable 30-gallon trash container**

- Flashlight
- First Aid Kit
- Medicines
- Rubbing Alcohol
- First-Aid Handbook
- Towels and Blankets
- Paper Towels and Toilet Paper
- Candles
- Matches
- Can Opener
- Peanut Butter
- Crackers
- Dried Beans
- Change of Clothes
- Four Weather Gear
- Sterno - Stove Fuel
- Garbage bags
- Radio
- Pocket Knife
- Personal supplies (toothbrush, soap, shampoo, sponge, cleanser, bleach)
- Pencils
- Drinks/Juices
- Nuts
- Rice-Pasta
- Soups
- Canned Foods
- Water (1 gal per person per day)
- Cooking Utensils (cooking pot, plastic dishes, silverware, aluminum foil)
- Batteries
- Tissues
- Radio
- Pocket Knife

**Get your Blood Pressure  
checked at the  
Wallops Health Unit  
Monday - Friday  
8:30 a.m. to 4 p.m.**

**No appointment needed**

**NASA Travel**

The Wallops Travel Office, CI Travel in Building E-105, is open from 8 a.m. to noon, Monday thru Friday. CI Travel is not authorized to write any tickets without having travel orders in hand.

If you do not have your travel orders ready before closing time, you can use the CALL CENTER in Norfolk by calling 1-800-287-9027. They will instruct you to fax your orders to them, and they will take care of your travel arrangements from that office.

**For Sale**

28 Ft. Citation Travel Trailer. \$2,500.00 Excellent Condition. Includes - color TV, microwave, vacuum cleaner, dishes & flatware, pots & pans, linens & blankets. Equipped with gas/electric refrigerator, gas furnace, water heater, cooking range, full awning, toilet and good tires. Everything works. Ready to roll. Call (410) 957-2756.

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